



STIC Search Report

EIC 1700

STIC Database Tracking Number: 144300

TO: Jason Savage
Location: REM 5E70
Art Unit : 1775
February 7, 2005

Case Serial Number: 09/757891

From: Kendra Mellerson
Location: EIC 1700
REM 4B28
Phone: 571-272-2516

Kendra.Mellerson@uspto.gov

Search Notes

No Cases Reported

US 6,562,480

Mellerson, Kendra

From: Savage, Jason
Sent: Monday, February 07, 2005 6:33 AM
To: STIC-EIC1700
Subject: Litigation search?

Hello, I am an examiner in 1700 and am working on a reissue and need to get a litigation search for the case/patent. Would I need to contact anyone in particular in the STIC or do I need to get a search from somewhere/someone else? Thank you for any assistance that you may provide. The original patent number is 6,562,480 and original serial number is 09/757,891.

Jason Savage
2-1542
GAU 1775

Current session 07/02/2005

(C) QUESTEL 1994

QUESTEL.ORBITE (TM) 1998

07/02/05 13*16*48

Last connection: 03/02/05 15*17*02

WELCOME to QUESTEL.ORBITE- Your Guide to INTELLECTUAL PROPERTY
www.questel.orbit.com - Gateway, documentation & IP resource
- Times of operation of Questel.Orbit service, see INFO HOURS
- Enhanced SDI Email Delivery with Links to Download Results
- New Export Feature: improved offline options - INFO EXPORT
- PatentExaminer portfolio manager available - INFO PATEXAM
- New Trademark File online: SKMARK covers Slovak Trademarks
- 2005 Euro and US Dollar price lists available from website
- FAMPAT worldwide family file released. Details on website
..FILE / ..INFO / ..GUIDE

Query/Command : FILE PLUSPAT

QUESTEL - Time in minutes : 0,69

The cost estimation below is based on Questel's
standard price list

Estimated cost :	0.74 USD
Cost estimated for the last database search :	0.74 USD
Estimated total session cost :	0.74 USD

Selected file: PLUSPAT

PLUSPAT - (c) Questel-Orbit, All Rights Reserved.

Comprehensive Worldwide Patents database

New Patent Citation Commands & FAM Citation Report - see INFO PATCITE

Announcing enhanced searchability of Relevancy Codes in Search Reports
for EP, WO and FR patents. For more details see below and on QO website

-To retrieve set of high relevancy X coded cited patents, use xctx=yes

-To extract cited patents with only high relevancy code, use mem/xctx

Last update of file: 2005/02/02 (YYYY/MM/DD) 2005-04/UP (last update)

Search statement 1

Query/Command : US6562480/PN

** SS 1: Results 1

Search statement 2

Query/Command : PRT FULL NONSTOP LEGALALL

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image

PN - US6562480 B1 20030513 [US6562480]
TI - (B1) Wear resistant coating for piston rings
PA - (B1) DANA CORP (US)
PA0 - Dana Corporation, Toledo OH [US]
IN - (B1) EINBERGER PETER J (US); SMITH THOMAS J (US); STONG THOMAS C (US)
AP - US75789101 20010110 [2001US-0757891]
PR - US75789101 20010110 [2001US-0757891]
IC - (B1) B23P-015/08 B32B-015/00 B32B-015/16 C22C-019/05
EC - C23C-004/06
PCL - ORIGINAL (O) : 428546000; CROSS-REFERENCE (X) : 029888074
428569000 428660000 428663000 428666000
DT - Corresponding document
CT - US3556747; US4039399; US4123072; US4208845; US4334927; US4592964;
US4612256; US4756841; US5126104; US5547203; US5592927; US5605741;
US5702769; US5713129; US5713324; US5756150; US5763106; US5773734;
US5863618; US5906896
Dana Perfect Circle Division Material Specification, No. PCF-284, Issued Jul. 8,
1999.

Dana Perfect Circle Division Material Specification, No. PCHP-2, Issued Jan.
10, 2000.
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
AB - A wear resistant coating for protecting surfaces undergoing sliding contact is
disclosed. The wear resistant coating is applied by high velocity oxygen-fuel
(HVOF) deposition of a powdered blend of the coating constituents. The
powdered blend includes a nickel-chromium alloy, chromium carbide, and
molybdenum. The disclosed coating should find use as a bearing surface on
piston rings, cylinder liners, and other components of a power cylinder assembly
of an internal combustion engine.
UP - 2003-21

1 / 1 LGST - ©EPO

PN - US6562480 B1 20030513 [US6562480]
AP - US75789101 20010110 [2001US-0757891]
ACT - 20010529 US/AS-A
ASSIGNMENT
OWNER: DANA CORPORATION 4500 DORR STREET TOLEDO OHIO
4369; EFFECTIVE DATE: 20010411
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:STONG,
THOMAS C.;EINBERGER, PETER J.;REEL/FRAME:011843/0452

20020118 US/AS-A
ASSIGNMENT

OWNER: DANA CORPORATION 4500 DORR STREET TOLEDO OHIO
4369; EFFECTIVE DATE: 20010411
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:STONG,
THOMAS C.;EINBERGER, PETER J.;SMITH, THOMAS
J.;REEL/FRAME:012529/0809

20040330 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031231

UP - 2004-41

1 / 1 CRXX - ©CLAIMS/RRX

PN - 6,562,480 A 20030513 [US6562480]

PA - Dana Corp

ACT - 20031231 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20040330

REISSUE REQUEST NUMBER: 10/751347

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1775

Reissue Patent Number:

Search statement 2

Query/Command : FILE INPADOC

PLUSPAT - Time in minutes : 0,64

The cost estimation below is based on Questel's
standard price list

Estimated cost :	1.76 USD
Records displayed and billed :	1
Estimated cost :	1.40 USD
Cost estimated for the last database search :	3.16 USD
Estimated total session cost :	3.90 USD

LGST - Time in minutes : 0,32

The cost estimation below is based on Questel's
standard price list

Estimated cost :	0.42 USD
Records displayed and billed :	1
Estimated cost :	0.65 USD
Legal-Status informations :	1
Estimated cost :	0.50 USD
Cost estimated for the last database search :	1.57 USD
Estimated total session cost :	5.47 USD

CRXX - Time in minutes : 0,35

The cost estimation below is based on Questel's
standard price list

Estimated cost :	0.64 USD
Records displayed and billed :	1
Estimated cost :	5.70 USD
Legal-Status informations :	1
Estimated cost :	0.50 USD
Cost estimated for the last database search :	6.84 USD
Estimated total session cost :	12.31 USD

LITA - Time in minutes : 0,08
The cost estimation below is based on Questel's
standard price list

Estimated cost :	0.19 USD
Cost estimated for the last database search :	0.19 USD
Estimated total session cost :	12.50 USD

Selected file: INPADO C

You are now connected to INPADO C
Covers 1968/1973 thru weekly updates (2005-04)
For information on content, (..)INFO INPD.

Search statement 1

Query/Command : FAM US6562480/PN

1 Patent Groups

** SS 1: Results 3

Search statement 2

Query/Command : FAMSTATE NONSTOP

1 / 3 INPADO C - ©INPADO C

PN - BR 200200081 A 20021022 [BR0200081]
TI - REVESTIMENTO RESISTENTE AO DESGASTE, ANEL DE SEGMENTO E
METODO DE PROTEGER SUPERFICIE
IN - STONG THOMAS C; EINBERGER PETER J; SMITH THOMAS J
PA - DANA CORP [US]
AP - BR 200200081/02-A 20020110 [2002BR-0000081]
PR - US 757891/01-A 20010110 [2001US-0757891]
IC - C23C-004/12; C23C-004/06; C23C-004/10

2 / 3 INPADO C - ©INPADO C

PN - DE 10200508 A1 20020711 [DE10200508]
TI - VERSCHLEISSFESTER UEBERZUG ZUM SCHUTZ EINER
OBERFLAECHE

IN - STONG THOMAS C [US]; EINBERGER PETER J [US]; SMITH THOMAS J [US]
PA - DANA CORP [US]
AP - DE 10200508/02-A 20020109 [2002DE-1000508]
PR - US 757891/01-A 20010110 [2001US-0757891]
IC - C23C-004/06; C23C-004/10

3 / 3 INPADOC - ©INPADOC

PN - US 6562480 BA 20030513 [US6562480]
TI - WEAR RESISTANT COATING FOR PISTON RINGS
IN - STONG THOMAS C [US]; EINBERGER PETER J [US]; SMITH THOMAS J [US]
PA - DANA CORP [US]
AP - US 757891/01-A 20010110 [2001US-0757891]
PR - US 757891/01-A 20010110 [2001US-0757891]
IC - C22C-019/05; B32B-015/00; B32B-015/16; B23P-015/08

1 / 1 LEGALI - ©EPO

PN - US6562480 B1 20030513 [US6562480]
AP - US75789101 20010110 [2001US-0757891]
ACTE - 20010529 US/AS-A
ASSIGNMENT
OWNER: DANA CORPORATION 4500 DORR STREET TOLEDO OHIO
4369; EFFECTIVE DATE: 20010411
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:STONG,
THOMAS C.;EINBERGER, PETER J.;REEL/FRAME:011843/0452

20020118 US/AS-A
ASSIGNMENT
OWNER: DANA CORPORATION 4500 DORR STREET TOLEDO OHIO
4369; EFFECTIVE DATE: 20010411
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:STONG,
THOMAS C.;EINBERGER, PETER J.;SMITH, THOMAS
J.;REEL/FRAME:012529/0809

20040330 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031231
UP - 2004-41

Search statement 2

PATNO IS 6562480

DATE: FEBRUARY 7, 2005
LIBRARY: PATENT
FILE: ALL

Your search request is:
PATNO IS 6562480

Number of PATENTS found with your search request through:
LEVEL 1... 1

Your search request has found 1 PATENT through Level 1.
To DISPLAY this PATENT press either the KWIC, FULL, CITE or SEGMENTS key.
To MODIFY your search request, press the M key (for MODIFY) and then the ENTER key.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEVEL 1 - 1 PATENT

1. 6562480 , May 13, 2003 , Wear resistant coating for piston rings, Stong, Thomas C. - Kent City, Michigan; Einberger, Peter J. - Muskegon, Michigan; Smith, Thomas J. - Muskegon, Michigan, 757891 (09), Dana Corporation, Toledo, Ohio, 02, May 29, 2001 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., DANA CORPORATION 4500 DORR STREET TOLEDO OHIO 43697, Reel and Frame Number: 011843/0452 January 18, 2002 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., DANA CORPORATION 4500 DORR STREET TOLEDO OHIO 43697, Reel and Frame Number: 012529/0809

CORE TERMS: coating, piston, cylinder, ring, chromium, liner, carbide, wear, engine, molybdenum ...

LEVEL 1 - 1 OF 1 PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6562480

<=1> Get Drawing Sheet 1 of 4

May 13, 2003

Wear resistant coating for piston rings

REISSUE: December 31, 2003 - Reissue Application filed Ex. Gp.: 1775; Re. S.N. 10/751,347 (O.G. March 30, 2004)

APPL-NO: 757891 (09)

FILED-DATE: January 10, 2001

GRANTED-DATE: May 13, 2003

CORE TERMS: coating, piston, cylinder, ring, chromium, liner, carbide, wear, engine, molybdenum ...

6562480 OR 6,562,480

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.